

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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C-O-N-F-I-D-E-N-T-I-A-L

COUNTRY **Hungary**

REPORT

25X1

SUBJECT **Road Data/Bridges**

DATE DISTR.

NO. PAGES **2**

REFERENCES

25X1

DATE OF INFO.

PLACE & DATE ACQ.

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THIS IS UNEVALUATED INFORMATION

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1. A hard surfaced concrete, all weather road **B927** runs from Miskolc southward to Bard and from Miskolc the same type of hard surfaced, concrete, all weather road **B927** runs northward to Sajó-kanna, Ónd and Málony. Another hard surfaced concrete all weather road runs from Miskolc westward to Lillafured via Bicsogyor.
2. All of the above hard surfaced roads are over two lanes in width and in good condition. The roads are able to absorb heavy usage and have a good solid road foundation. The roads are used extensively by trucks hauling coal from the coal mines located in the Sajószentpeter area and also used by the military stationed in Miskolc and Ávas.
3. A number of loose surfaced, all weather roads **B909** run in the vicinity of Alacska, Pannanya and Bolava. The roads are over one lane in width. They also have a solid road bed with the top layer gravel surfaced with sand. The roads run through both mountainous and shallow terrain. The roads are able to absorb heavy usage. They are continuously inspected and maintained.
4. A number of loose surfaced dry weather dirt roads **B935** run in the vicinity of Sajószentpeter, Sajóhahony, Bolava and Madostyan. In some sections the dirt roads are classed as principal dirt roads and in some are classed as both secondary dirt roads or cart tracks. Nevertheless all of them are capable of absorbing heavy usage because of extensive travel in these areas by coal miners and coal being hauled away to central loading points to be shipped out of the area.
5. The dirt roads and cart tracks are over one lane in width and have a good solid road foundation. In addition to being only dirt roads they are gradually being filled in with stone and gravel which eventually will place them in a category of hard surfaced all weather roads. They are continuously maintained by assigned highway crews or by coal miners. During the rains or in spring when the snow melts these dirt roads and cart tracks tend to get muddy and rutted. When this occurs the roads are quickly resurfaced to have the traffic continue from the coal mining area.

C-O-N-F-I-D-E-N-T-I-A-L

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| STATE | ARMY | NAVY | AIR | FBI | AEC | | | | | |
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6.

[redacted] two highway bridges. One concrete bridge reinforced with steel is located in the northern outskirts of Sajoszentpeter. The bridge crosses over both the Szuha and Sajo Rivers which flow from the north southward on the eastern outskirts of Sajoszentpeter. The bridge does not open and is in good condition. It is over two lanes wide and is capable to absorb heavy usage by both State operated trucks and military traffic. The second concrete bridge reinforced with steel is located approximately one kilometer east of Sajosbony. It crosses a certain section of the river which flows from the Sajo River westward in the direction of Radostyan v.a. The highway which runs from Sajoszentpeter southward to Miskolc crosses over this bridge. It is over two lanes wide and is also in good condition. It is able to absorb heavy usage. During the Hungarian October 1956 revolution both of the above bridges were capable of supporting the heavy Soviet tanks which crossed over them.

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NOFORN

**C-O-N-F-I-D-E-N-T-I-A-L
NO DISSEM ABROAD**

LIMITED

MIDDLE DANUBE 1:100,000

MISKOLC

DU EU

EDITION 3-AMS

SHEET X-15



LEADER

[illegible]

CONTOUR INTERVAL 25 METERS

HEADLINE IN WHITE

[illegible]

| QUESTION NO. AND SUB-QUESTION | ANSWER | MARKS |
|--|---|-------|
| QUESTION NO. 10 10.1. Draw the circuit diagram of a common emitter amplifier circuit using a BJT in active mode. Assume the BJT is biased at $I_C = 1\text{mA}$ and $V_{CE} = 5\text{V}$. The load resistor $R_L = 10\text{k}\Omega$ and the collector resistor $R_C = 10\text{k}\Omega$. The input signal v_i is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz . The output signal v_o is taken across the load resistor R_L . The BJT has a $\beta = 100$ and $V_{BE} = 0.7\text{V}$. The supply voltage $V_{CC} = 10\text{V}$. | <p>10.1.1. The circuit diagram of a common emitter amplifier circuit using a BJT in active mode is shown below.</p> <p>10.1.2. The output signal v_o is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz.</p> | 10 |
| QUESTION NO. 11 11.1. Draw the circuit diagram of a common emitter amplifier circuit using a BJT in active mode. Assume the BJT is biased at $I_C = 1\text{mA}$ and $V_{CE} = 5\text{V}$. The load resistor $R_L = 10\text{k}\Omega$ and the collector resistor $R_C = 10\text{k}\Omega$. The input signal v_i is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz . The output signal v_o is taken across the load resistor R_L . The BJT has a $\beta = 100$ and $V_{BE} = 0.7\text{V}$. The supply voltage $V_{CC} = 10\text{V}$. | <p>11.1.1. The circuit diagram of a common emitter amplifier circuit using a BJT in active mode is shown below.</p> <p>11.1.2. The output signal v_o is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz.</p> | 10 |
| QUESTION NO. 12 12.1. Draw the circuit diagram of a common emitter amplifier circuit using a BJT in active mode. Assume the BJT is biased at $I_C = 1\text{mA}$ and $V_{CE} = 5\text{V}$. The load resistor $R_L = 10\text{k}\Omega$ and the collector resistor $R_C = 10\text{k}\Omega$. The input signal v_i is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz . The output signal v_o is taken across the load resistor R_L . The BJT has a $\beta = 100$ and $V_{BE} = 0.7\text{V}$. The supply voltage $V_{CC} = 10\text{V}$. | <p>12.1.1. The circuit diagram of a common emitter amplifier circuit using a BJT in active mode is shown below.</p> <p>12.1.2. The output signal v_o is a sinusoidal wave with an amplitude of 10mV and a frequency of 1kHz.</p> | 10 |

TRANSVERSE INDICATOR PROJECTION

PEOPLE NUMBERED LINES INDICATE THE 1.000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 26, INTERNATIONAL SPHEROID

LOS LINDOS CROQUIS EN UNICA CORRESPONDENCIA AL QUOTIDIANO KALAMUNGUETU ETU DU PAYSAN ET AL. CLAUDEPHE INTERNATIONAL

DES SUCCEDES TOUTS DANS LA MONTAGNE INDICATE LA 1.000 METER CROQUIS ETU DU PAYSAN, DEUX, SPHEROID

LOS LINDOS CROQUIS EN UNICA CORRESPONDENCIA AL QUOTIDIANO KALAMUNGUETU ETU DU PAYSAN ET AL. CLAUDEPHE INTERNATIONAL

LA DERNIERE LIGNE DE LA CROQUIS INDICATE LA 1.000 METER CROQUIS ETU DU PAYSAN, DEUX, SPHEROID

LA DERNIERE LIGNE DE LA CROQUIS INDICATE LA 1.000 METER CROQUIS ETU DU PAYSAN, DEUX, SPHEROID

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Reclassified from intelligence data, U. S. Army Intelligence

| W14 | W12 | W10 |
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| X14 | X12 | X10 |
| X12 | X10 | X08 |